PTO/SB/05 (08-03)
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Attorne		ey Docket No.	546322000304		idol manibel.					
UTILITY	First Inventor		Michael Wayne	· · · · · · · · · · · · · · · · · · ·						
PATENT APPLICATION										
TRANSMITTAL	Title	CONTROLC	F GENE EXPRI	ESSION	ł					
(Only for new nonprovisional applications under 37 CFR 1.53(b))	L ss Mail Label No. EL 968418554 US C			0						
			S Patent Application							
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS T	O: Commissioner P.O. Box 1450		S.					
	Alexandria, VA 22313-1450									
Fee Transmittal Form (e.g., PTO/SB/17) (in duplicate) - (Submit an original, and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) Nucleatide and/or Amina And Sequence Submission									
2. Applicant claims small entity status. See 37 CFR 1.27.				8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3. X Specification [Total Pages 81	cation [Total Pages 81] a. Computer Readable Form (CRF)									
(preferred arrangement set forth below) - Descriptive title of the invention										
Cross Reference to Related Applications Statement Regarding Fed sponsored R & D	i.	i. CD-ROM or CD-R (2 copies); or ii. Paper								
Reference to sequence listing, a table, or a computer program listing appendix		c. Statements verifying identity of above copies								
- Background of the Invention		ACCOMPANYING APPLICATION PARTS								
 Brief Summary of the Invention Brief Description of the Drawings (if filed) 		9. Assignm	nent Papers (cover she	et & document(s))						
- Detailed Description - Claim(s)			3.73(b) Statement	Power of Attorney						
	ct or the Disclosure (when there is a									
	2 1	12 Informa	Translation Document tion Disclosure	Copies of IDS						
a. Newly executed (original or copy)	Statement (IDS).			Citations						
Copy from a prior application (37 CFR 1.63(d))	14. Return Receipt Postcard (MPEP 503)									
(for continuation/divisional with Box 18 completed)	(Should be specifically itemized)									
i. DELETION OF INVENTOR(S)		(if foreign priority is claimed)								
Signed statement attached deleting inventor(s) named in the prior application,	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.									
see 37 CFR 1.63(d)(2) and 1.33(b).		17. X Other: Request to Transfer Sequence Listing From								
6. X Application Data Sheet. See 37 CFR 1.76 - 3 pages		Related Application (2	2 pages)							
18. If a CONTINUING APPLICATION, check appropriate box, specification following the title, or in an Application Data Sheet			mation below and in the	first sentence of the						
X Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/646,070										
Prior application information: Examiner Not Ye										
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied										
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.										
19. CORRESPONDENCE ADDRESS										
X Customer Number: 20872		OR	Corresponde	ence address below						
Name										
		· · · · · · · · · · · · · · · · · · ·								
Address										
City Sta	te		Zip Code							
Country Tel	ephone		Fax							
Name (Print/Type) Otis Littlefield	int/Type) Otis Littlefield			Registration No. (Attorney/Agent) 48,751						
Signature Starting	on my									
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 968418554 US in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.										
Dated: April 8, 2004 Signature: (Leah M. Kjellén)										

PTO/SB/17 (10-03)
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EEE TOANGMITTAL		Complete if Known						
FEE TRANSMITTAL		Application Number			er Not Yet Assigned	Not Yet Assigned		
for FY 2004		Filing Date			Concurrently Herewith	Concurrently Herewith		
		First Named Inventor			ntor Michael Wayne GRAHAM	Michael Wayne GRAHAM		
Effective 10/01/2003, Patent fees are subject to annual revision.	—-[Examiner Name			Not Yet Assigned	Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27	Art Unit				Not Yet Assigned	Not Yet Assigned		
TOTAL AMOUNT OF PAYMENT (\$) 1,690.00		Attorney Docket No. 54			546322000304			
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)			
Check Credit Money Other None	3. ADDITIONAL FEES							
Caro Coder L. Caro L. Coder L. Caro L.								
X Deposit Account:	Large	Entity	Small	Entity				
Deposit Account 03-1952	Fee	Fee	Fee	Fee	Fee Description			
Number	Code	(\$)	Code	(\$)	Fee Pa	Paid		
Account Morrison & Foerster LLP	1051	130	2051	65	Surcharge – late filing fee or oath			
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification			
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812		For filing a request for exparte reexamination			
Charge any additional fee(s) or any underpayment or fee(s)		920*	1804	920*	Requesting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee	1804				Examiner action Requesting publication of SIR after			
to the above-identified deposit account.		1,840*	1805	·	Examiner action			
FEE CALCULATION	1251	110	2251		Extension for reply within first month			
1. BASIC FILING FEE Large Entity Small Entity	1252 1253	420 950	2252		Extension for reply within second month			
Fee Fee Fee Fee Pee Pescription Fee Paid	1254		2254		Extension for reply within third month			
Code (\$) Code (\$) -1001 770 2001 385 Utility filing fee 770.00		1,480			Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee	1255 1401	2,010 330	2255 2401	1,005	Extension for reply within fifth month			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Notice of Appeal Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403		Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 770.00		110	2452	55	Petition to revive – unavoidable			
005101AE(1) (4) 776.66	1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501	665	Utility issue fee (or reissue)			
Claims below Fee Paid	1502	480	2502	240	Design issue fee			
Total Claims 55 -20** = 35 x 18 = 630.00	1503	640	2503	320	Plant issue fee			
Claims 1 -3** = 0 x 0 = 0.00	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent 290.00 = 290.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	examined (37CFR 1.129(b)) Request for Continued Examination (RCE)			
over original patent	1802	900	1802	900	Request for expedited examination			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent				300	of a design application			
SUBTOTAL (2) (\$) 920.00		Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5) 0.00						
**or number previously paid, if greater, For Reissues, see above								
SUBMITTED BY					(Complete (if applicable))	-		
Name (Print/Type) Otis Littlefield		ration No ey/Agent)		,751	Telephone (415) 268-6846			
Signature Tun Combi					Date April 8, 2004			